TECHNICAL DATA

SYNTA-FRIGO-LUBE 9030-FL
Synthetic oil for high precision micromechanics

Description

100% synthetic fluid thin oil based on ether and aliphatic alcohol, exhibiting an excellent behavior under low temperatures conditions. Also very effective for use under wet conditions.

The added fluorescent tracer allows visualizing the presence of small quantities of oil under UV illumination. Lubricating properties are identical to the 9030 standard oil.

Technical features (indicative values)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Orange - yellow</td>
</tr>
<tr>
<td>Viscosity at 0°C</td>
<td>180 cSt</td>
</tr>
<tr>
<td>Viscosity at 20°C</td>
<td>60 cSt</td>
</tr>
<tr>
<td>Viscosity at 40°C</td>
<td>25 cSt</td>
</tr>
<tr>
<td>Pour point</td>
<td>-45 °C</td>
</tr>
<tr>
<td>Density at 20°C</td>
<td>0.880 g/ml</td>
</tr>
<tr>
<td>Refraction index at 20 °C</td>
<td>1.471</td>
</tr>
<tr>
<td>Acidity</td>
<td>2.3 mg KOH / g</td>
</tr>
</tbody>
</table>

Unctuousness / Lubricity

Viscosity / Texture

Ageing resistance / Stability

Adhesion / Grip

Compatibility

Metals and polymers

Application

Low temperature

Shelf life

3 years

Temperature range

-40 °C to +60 °C

Application fields

Fine low temperature oil to be used for:

- Precision micromechanics (watch, timer, measuring devices, tools, ...)
- Instrumentation and counters (automotive, aeronautic, naval, ...)
- Micro motors and stepper motors
- Lubrication of fast mobiles with low torque (pendulum pivots, escapements, certain wheels, ...)
- Suitable for lubrication of mechanical parts, meters and measuring devices subject to very low temperatures.

Radar chart

Storage

We advise keeping Moebius products in their original packaging in a clean and dry place, protected from light, ideally at a temperature of 15 to 26 °C.

After opening we recommend keeping the products for a maximum of 12 months.